

Converting Colors

CIELCh(92, 8.434, 282.561)

Have a look what the booklet for
CIELCh(92, 8.434, 282.561) contains.

CIELCh(92, 8.368, 281.387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 8.368, 281.387)

Conversions

Conversions Part 1

Format	Color
Hex	E4E8F8
RGB	228, 232, 248
RGB Percent	89%, 91%, 97%
CMY	0.1073, 0.0916, 0.0289
CMYK	0.08, 0.06, 0.00, 0.03
HSL	228°, 58%, 93%
HSV	228°, 8%, 97%
XYZ	77.5267, 80.7044, 100.0062
YIQ	232.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

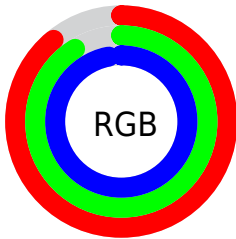
Format	Color
R _Y B	228, 231, 248
Decimal	15001848
CIE Lab	92.00, 1.65, -8.20
CIE LCh	92, 8.368, 281.387
Yxy	80.7044, 0.3002, 0.3125
Android (android.graphics.Color)	4293191928 (0xFFE4E8F8)
YUV	232.6280, 7.5784, -4.0588
Hunter-Lab	89.8356, -3.1697, -3.1175

Details

The CIELCh color **92, 8.368, 281.387** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.279, 99.451**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.761, 283.975** is the 20% darker color. If you saturate the color by 10%, you get **85, 18.992, 282.739**, and if you desaturate by 10%, it is **99, 1.954, 100.083**.

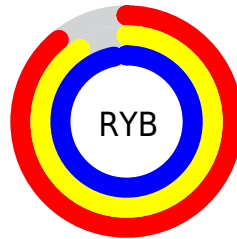
Distribution



Red (89%)

Green (91%)

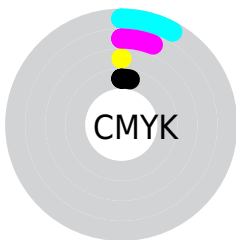
Blue (97%)



Red (89%)

Yellow (91%)

Blue (97%)

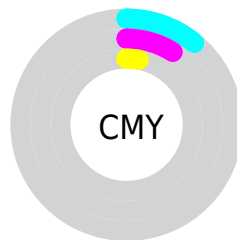


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.368, 281.387 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 92, 8.368, 281.387 by changing the saturation by 10% instead.

92, 8.368, 281.387

92, 8.368, 281.387

100, 8.368,
281.387

82, 8.368, 281.387

72, 8.368, 281.387

62, 8.368, 281.387

52, 8.368, 281.387

42, 8.368, 281.387

32, 8.368, 281.387

22, 8.368, 281.387

12, 8.368, 281.387

2, 8.368, 281.387

92, 8.368, 281.387

92, 8.368, 281.387

85, 18.992,
282.739

99, 1.954, 100.083

78, 29.949,
284.344

100, 3.720,
109.879

72, 41.267,
286.225

65, 52.983,
288.416

58, 65.124,
290.930

52, 77.665,
293.740

46, 90.436,
296.744

41, 102.951,
299.745

■ 37,114.264,
302.452

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



92, 8.368, 281.387



96, 8.279, 99.451

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 8.368, 281.387



92, 8.368, 331.387



92, 8.368, 101.387



92, 8.368, 151.387

Sweetspot

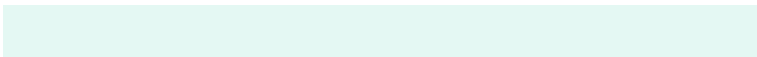
The Sweet Spot groups the original color and five complimentary colors.



92, 8.366, 281.377



99, 2.112, 280.708



96, 7.318, 181.338



53, 1.201, 280.702



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 8.366, 281.377



93, 10.638, 281.623



91, 10.585, 301.663



49, 5.945, 281.557



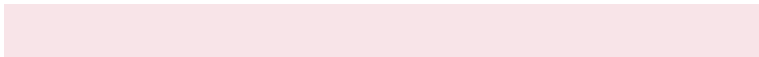
27, 93.430, 302.472



5, 36.017, 296.845

Inverse Universe

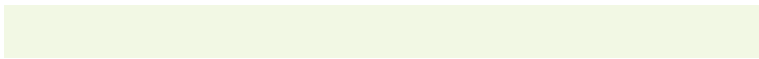
The Inverse Universe completely reimagines the original color for something new.



92, 7.501, 3.913



93, 9.562, 4.124



97, 10.407, 120.704



49, 5.340, 4.068



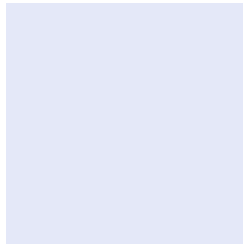
39, 74.155, 29.527



9, 30.991, 17.766

Previews

White Background



This preview shows how the CIELCh color 92, 8.368, 281.387 looks on a white background.

Color Contrast Check

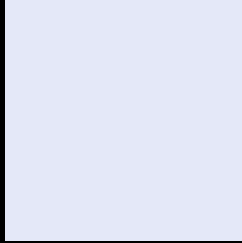
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 8.368, 281.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

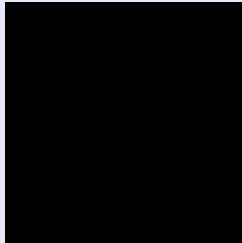
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

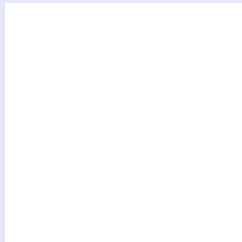
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.368, 281.387

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.368, 281.387.



This preview shows how white text looks on a background with the CIELCh color 92, 8.368, 281.387.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


92, 8.368, 281.387

Protanopia

92, 8.845, 295.366

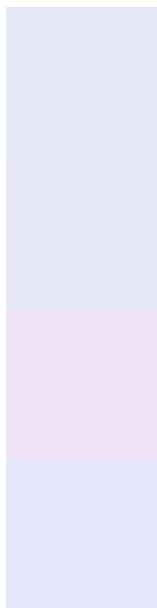
Deuteranopia

92, 14.682, 322.642



Tritanopia
92, 9.872, 284.993

Trichromacy



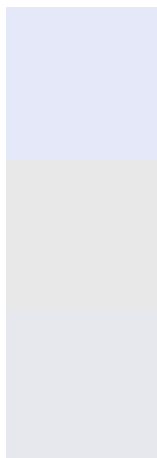
Original Color
92, 8.368, 281.387

Protanomaly
92, 8.286, 288.457

Deuteranomaly
92, 12.319, 312.539

Tritanomaly
92, 9.358, 284.612

Monochromacy



Original Color
92, 8.368, 281.387

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.178, 277.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.368, 281.387 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 232, 248)` looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.368, 281.387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

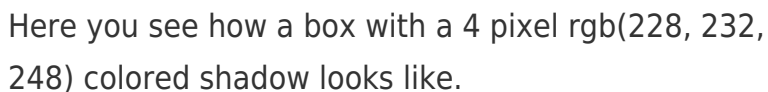
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 232, 248) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 232, 248) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(228, 232, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 232, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 232, 248); box-shadow:4px 4px 4px 4px rgb(228, 232, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.368, 281.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
232, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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